

FORM PTO 449 INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO.: XP-1002 APPLICANT: Crounse SERIAL NO.: 10/007,440 FILING DATE: December 4, 2001 ART UNIT: 2621
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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
JT	A1	5,111,310	05/05/92	Parker <i>et al.</i>	358	456	12/04/90
↑	A2	5,155,599	10/13/92	Delabastita	358	298	07/25/91
	A3	5,341,228	08/23/94	Parker <i>et al.</i>	358	534	12/03/91
	A4	5,438,431	08/01/95	Ostromoukhov	358	457	05/20/93
	A5	5,477,305	12/19/95	Parker <i>et al.</i>	358	456	11/22/94
	A6	5,543,941	08/06/96	Parker <i>et al.</i>	358	534	05/31/94
	A7	5,654,808	08/05/97	Herregods <i>et al.</i>	358	456	07/06/94
	A8	5,677,093	10/14/97	Delabastita <i>et al.</i>	430	30	03/20/96
	A9	5,700,610	12/23/97	Bosschaerts <i>et al.</i>	430	30	03/20/96
	A10	5,766,807	06/16/98	Delabastita <i>et al.</i>	430	6	04/24/96
	A11	5,783,356	07/21/98	Bosschaerts <i>et al.</i>	430	240	03/06/97
	A12	5,808,755	09/15/98	Delabastita	358	454	04/27/95
	A13	5,818,604	10/06/98	Delabastita <i>et al.</i>	358	298	05/02/96
	A14	5,822,451	10/13/98	Spaulding <i>et al.</i>	382	162	06/05/96
	A15	5,828,463	10/27/98	Delabastita	358	298	03/17/97
	A16	5,858,589	01/12/99	Govaert <i>et al.</i>	430	30	03/20/96
↓	A17	6,020,978	02/01/00	Cooper <i>et al.</i>	358	1.9	09/30/97
JT	A18	6,025,930	02/15/00	Thompson <i>et al.</i>	358	1.9	08/12/97

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

EXAMINER/James Thompson/ (07/05/2006)	DATE CONSIDERED
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OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
JT	C1	"Color Reproduction," www.tu-harburg.de/rz/tuinfo/periph/drucker/Color_Reproduktion (accessed on October 22, 200), pp. 1-9.
JT	C2	"Ordered Dithering," "Floyd-Steinberg Dithering," "Average Dithering," and "Random Dithering," www.visgraf.impa.br/Courses/ip00/proj/Dithering1/random_dithering.html (accessed on October 19, 2001).
JT	C3	"Special Report on Seybold San Francisco, Fall 93," Seybold Special Report, Vol. 2, No. 2, www.seyboldseminars.com/seybold_report/reports/S0202010.htm (accessed on October 11, 2001), pp. 1-10.
JT	C4	"Digital Halftoning," <i>Digital Image Processing I: Purdue University VISE</i> , pp. 1-18, (April 28, 2001).
JT	C5	"Digital Image Processing Laboratory: Image Halftoning," Purdue University: Digital Image Processing Laboratories, pp. 1-7 (April 19, 2000).
JT	C6	Cochran, "Blue Nose Mask Image Enhancement," Research Corporation Technologies, pp. 1-7, (June 2000).
JT	C7	R. Ulichney, "A Review of Halftoning Techniques", Color Imaging: Device-Independent Color, Color Hardcopy, and Graphic Arts V, Proc. SPIE vol. 3963 (January 2000)
JT	C8	Ostromoukhov et al., "Artistic Screening," <i>Computer Graphics Proceedings, Annual Conference Series</i> , pp. 219-222 (1995).
JT	C9	Ulichney, 'Digital Halftoning,' The MIT Press, Cambridge, Massachusetts (1987)
EXAMINER/James Thompson/ (07/05/2006)		DATE CONSIDERED

MAY 01 2006 JDS - 05/01/2006 Under

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/007,440
Filing Date	12/04/2001
First Named Inventor	Kenneth R. Crounse
Group Art Unit	2024 2625
Examiner Name	James A. Thompson
Attorney Docket Number	XP01002

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

/James Thompson/ (07/05/2006)

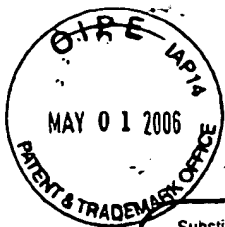
Date Considered

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
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(use as many sheets as necessary)

Sheet 2

of 2

Complete if Known

Application Number	10/007,440
Filing Date	12/04/2001
First Named Inventor	Kenneth R. Crounse
Group Art Unit	2024 2625
Examiner Name	James A. Thompson
Attorney Docket Number	XP01002

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JT		PURGATHOFER et al., "Improved Threshold Matrices for Ordered Dithering", Academic Press Inc., 1995, V1.1, pages 397-301	
JT		Henry R. KANG, "Dispersed Micro-Cluster Halftoning", Xerox Corporation, printed 06-07-2004, pages 1-4	

Examiner
Signature

/James Thompson/ (07/05/2006)

Date

Considered

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